

IRANOL LIMA is a multi-purpose lithium-based grease formulated with high-quality mineral base oils and lithium hydroxy stearate, along with special additives for industrial and automotive applications.

► Performance Levels

- **INSO 142-1**

► Applications

- Lubrication of bearings and ball and flat joints of vehicles.
- Lubrication of gears and gearboxes.
- Electric motors.
- Compressors and pumps
- Conveyor wheel systems

► Advantages

- High resistance to water washout.
- Excellent mechanical stability.
- Oxidation resistance.
- Operating Temperature Range: -20°C to +120°C.

Characteristic	NLGI 1	NLGI 2	NLGI 3	Test method ASTM
Thickener base	Lithium	Lithium	Lithium	D-3340
Weight loss on heat, Wt%	0.5	0.5	0.5	D-972
Dropping point, °C	185	185	185	D-566
Number of hard particles	10	10	10	D-1404
Worked penetration @ 25 °C, 0.1 mm	310-340	265-295	220-250	D-217
Water washout resistance @ 80 °C, Wt%	5	5	5	D-1264
Oxidation resistance, pressure drop after 100 hours, kg/cm ²	0.5	0.5	0.5	D-942
Corrosion prevention property @ 52 °C, 48 hours	PASS			D-1743
Copper strip corrosion @ 100 °C (24 hours)	1a			D-4048

Typical physical characteristics

* Packaging

- Container 10 lb
- Container 35 lb
- Drum 180 kg